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U. S. Department of Agriculture

1925



M. V. LANDMANN
Experimental Division
FORSGATE FARMS
CRANBURY NEW JERSEY

**FROM FORSGATE
TO
YOUR GATE**

**INQUIRIES ARE WELCOME
AS WELL AS ORDERS**

**Send us your questions in regard
to varieties and culture**

C O N T E N T S

FORSGATE FARMS GLADIOLI
SPECIAL BARGAINS IN GLADIOLUS, BULBS
CULTURAL DIRECTIONS FOR GLADIOLI
AMERICAN GLADIOLUS SOCIETY
FORSGATE FARMS DAHLIAS
SPECIAL BARGAINS IN DAHLIA BULBS
CULTURAL DIRECTIONS FOR DAHLIAS
ROSES
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WASHINGTON ASPARAGUS ROOTS
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SHIPPING CONDITIONS
FORSGATE FARMS CANNING KITCHEN
CORNELL CAFETERIA, NEWARK, N. J.

Forsgate Farms Gladioli

(Note:—In describing Gladioli Ridgway's Color Standards and Color Nomenclature has been used exclusively.)

Albania. —(Kemp) Flowers very large, wide open. One of the finest Whites.	\$0.50
Alice Tiplady. —Primulinus (Kunerd) Bittersweet Orange shaded Bittersweet Pink. Backs of petals and buds Grenadine Pink .....	.25
Anna Eberius. —(Diener) Bright Magenta and Rhodamine Purple.....	.30
Baby Jane. —Primulinus (Vos) Cream with inconspicuous striping on lower petals .....	.25
Baron Josef Hulot. —(Lemoine) Pansy Violet with shadings of Bordeaux toward the center of the flower. Sometimes narrow Yellow striping on lower petals .....	.10
Bertrex. —(Austin) White flaked with Amaranth Pink, Rhodamine Purple stripes on lower petals.....	.10
Buttercup. —Primulinus (Grullemans) Pinard Yellow deepening to Buff Yellow. Mikado Orange shadings in the bud. Narrow Carmine stripe on lower petals .....	.05
Butterfly. —Primulinus (Kunderd). Usually described as Salmon Yellow, this beautiful Primulinus Hybrid Gladiolus is Sea Shell Pink and Peach Red....	.15
Candidum. —(Austin) White, tinted Light Pinkish Lilac .....	.05
Catleya. —(Austin) Phlox Pink, flecked and striped Rhodamine Purple.....	.25

GLADIOLI

Chicago White. —(Kunderd) White, striped with Dahlia Carmine.....	.05
Chris. —(Grullemans) Rich velvety Carmine deepening to Ox-blood Red at edges of petals. Victoria Lake in the bud .....	.10
Crackerjack. —(Cowee) Rich Carmine....	.05
Crimson Glow. —(Betscher) Rich velvety Nopal Red. Deep rich Carmine in the bud .....	.20
Crystal White. —(Baer) Fine pure White in the bud and flower. Lower petals marked with Rhodamine Purple....	.05
Dorothy Wheeler. —Primulinus (Kunderd) Orange Pink, shading to Shrimp Pink with color deepening at the edge of petals .....	.15
Early Snowflake. —(Kemp) White, often flecked with Pale Rosalene Purple. Cream in the bud. Marguerite Yellow in the throat.....	.20
Evelyn Kirkland. — (Austin) Geranium Pink with Scarlet Red blotch on lower petals. Peach Red in the bud.....	.15
Faith. —Primulinus (Vos) Clear Lemon Chrome. Narrow Crimson stripes on lower petals. Larger and finer than Buttercup which resembles it in color	.25
Flora. —(Velthuys) Clear, Naphthalène Yellow. Sixteen or more flowers often seen, borne on a strong, straight spike	.20
Glory of Kennemerland. — (Velthuys) Tyrian Rose. Base of petals Martius Yellow striped Carmine.....	.15
Golden Glory. —(Kunderd) Martius Yellow; throat and lower petals heavily marked velvety Carmine and Nopal Red; ruffled ...	.25

GLADIOLI

Golden Measure. —(Kelway) The best of the large flowered Yellows. Color pure and bright, flowers large and well-formed on straight, tall spikes. . .	1.00
Goliath. —(Velthuys) Rich velvety pure Bordeaux . . . . .	.20
Gretchen Zang. —(Austin) Eosine Pink, blotched Carmine at the base of lower petals . . . . .	.10
Halley. —(Velthuys) Light Coral Red; Coral Red in the bud. Yellow blotch on lower petals, striped Carmine. . . . .	.05
Herada. —(Austin) Light Mallow Purple, darkening on edges of petals and in the bud to Aster Purple. . . . .	.15
Independence. —(Woodruff) Geranium Pink with Scarlet Red buds. Tyrian Rose blotch on lower petals. . . . .	.05
Jack London. —(Diener) Light Coral Pink striped Coral Red. Chrome Yellow in the throat. Very vigorous in growth. . .	.15
Le Marechal Foch. —(Van Deursen) Cameo Pink petals flecked with Rose Pink on the edges . . . . .	.20
L'Immaculee. —Pure, unblemished White flowers, of waxy texture. Our own favorite of all the Whites. . . . .	.10
Liss. —(Velthuys) Bright Eosine Pink deepening to Begonia Rose. Clear Spectrum Red in the bud. . . . .	.05
Louise. —(Wright) Pinkish Lilac deepening to Purplish Lilac. Amaranth Purple blotch on lower petals. Rosalene Purple in the bud. . . . .	.25
Maiden's Blush. —Primulinus (Grullemans) Flesh Pink deepening to Coral Pink. The buds are Carmine Red. . . . .	.15

GLADIOLI

Mary Fennell. —(Kunderd) Liseran Purple. Lower petals shaded Yellow; Spinel Red in the bud.....	.15
Miranda. —Primulinus. Marguerite Yel- low with narrow Magenta stripe....	.05
Moonbeam. —Straw Yellow deepening to Amber Yellow in the throat. Heavy stalk bearing many large very hand- some blooms .....	.50
Mrs. Dr. Norton. —(Kunderd) A cream ground, overlaid with a La France Pink, deepening toward the edges of the petals. The wide-open flowers show a pure Yellow throat. Very choice..	.25
Mrs. Francis King. —(Coblentz) Straw- berry Pink and Peach Red. Carmine markings on lower petals. Color de- scription cannot do justice to this beautiful gladiolus, as there is so much life in the color.....	.05
Mrs. Frank Pendleton. —(Kunderd) Thulite Pink with Ox-blood blotch.....	.10
Mrs. Watt. —(Crawford) Stands alone as to color. A true, Pomegranate Purple.	.10
Muriel. —(Velthuys) Pale Lilac deepening to Purplish Lilac. Lilac on edges or petals. Velvety blotches on lower petals .....	.40
Myra. —Primulinus (Kunderd) Shrimp Pink overlaid with Peach Red. Nopal Yellow in the throat, striped with Pompeian Red; Peach Red in the bud	.20
Myrtle. —(Kunderd) Hermosa Pink; flecked Eosine and deepening to Begonia Rose on edge of petals and in the bud.....	.10
Nebraska. —(Vos) Aster Purple in the bud and freshly opened flowers. Bishop Purple when the bloom is older.....	.20

GLADIOLI

Norma Dee Childs. —(Childs) Cameo Pink; sometimes flecked with Spinel Pink. Primrose Yellow at base of lower petals .....	.20
Ohio. —(Vos) White. Of fine waxy texture; tinted Lilac with one lower petal blotched Magenta .....	.10
Oradell. —(Kunderd) Rose Doree with Scarlet Red blotch in the throat. Blooms are ruffled; borne on heavy stalk .....	.25
Panama. —(Banning) Clear bright Hermosa Pink with metallic sheen; Begonia Rose in the bud.....	.05
Peace. —(Groff) White with fleckings of Rhodamine Purple and striping on lower petals. Blooms are borne on a very tall stiff stalk and come late in the season .....	.05
Pink Perfection. —(Hopman) Geranium Pink flecked with Rose Doree. The stalk usually has a characteristic twist which distinguishes this variety in the garden before the buds open..	.15
Pink Wonder. —(Kemp) Shrimp Pink flecked with Geranium Pink. Picric yellow at base of petals.....	.50
Princeps. —(Van Fleet) Bright pure Scarlet Red; white blotch on lower petals. The blooms are immense size and strongly resemble the Amaryllis in both form and color.....	.05
Radium. —(Vos) Upper petals La France Pink shaded Geranium Pink; lower petals Pale Flesh Pink with Carmine blotch .....	.20
Rose Ash. —(Diener) Pinkish Vinaceous and Deep Vinaceous.....	.30

GLADIOLI

Schwaben. —(Pfitzer) Marguerite Yellow; Rosalene Purple marking on lower petals; Citron Green in the bud.....	.05
Sentinel. —(Kunderd) Begonia Rose shaded Spectrum Red .....	.15
Soleil d'Or. —Primulinus (Kemp) Orange Pink with Citron Yellow at base of petals .....	.10
Sweetheart. —Primulinus (Kemp) Marguerite Yellow deepening in the throat to Primrose Yellow. Large well-opened blooms on stiff stem.....	.30
Utah. —(Vos) White with Phlox Purple flecking in bright warm weather. This is an outstanding variety with unusual bud form, reminding one strongly of the crocus. A strong grower, often producing more than one spike to the bulb.....	.10
White Wonder. —(Kemp) White, sometimes somewhat flecked with Rosalene Pink. Flowers very large, wide open, lily-like .....	.50
Willy Wigman. —(Hopman) Cream, with Carmine markings .....	.05
Wolverine. —(Vos) Flesh Pink shaded Coral Pink with Amaranth Purple marking on lower petals.....	.20
Yellow Prince. —Primulinus (Vos). Outside coloring Grenadine; inside of the petals being Antimony Yellow. The general color effect is a glowing Orange. An especially pleasing variety to those who love brilliant color effects .....	.20
One Dozen of any one variety at the price of ten.	

GLADIOLI

Mixed Varieties.—We do not regularly retail mixed Gladiolus Bulbs. The following special mixtures are offered at Bargain Prices:

- 50 Choice Mixed Primulinus Hybrids. 1.00
20 Mixed Gladiolus Bulbs—every one a choice variety, every one different. . . 2.00
-

CULTURAL DIRECTIONS FOR GLADIOLI

Planting Time.—Gladiolus corms may be planted any time after the ground is open—with the earliest garden planting, if desired. A succession of bloom may be enjoyed, from the middle of July until frost, by planting at intervals from early April until the first of July.

Exposure.—Gladioli like full sunshine. Planting in the open garden gives the best results.

Depth of Planting.—Plant four to six inches deep, according to the character of the soil. In very light, sandy soil, six inches is not too deep, and if planted in long rows in the vegetable garden, they may be ridged, after they are well up, thus giving support to the stalks. In the heavier clay soils, more shallow planting is to be preferred.

Distance Apart.—Four inches apart gives room enough for good development.

Soil.—Any good garden soil produces good results. The lighter, well-drained soils are best. If you are planting especially for cutting, growing in rows in the vegetable garden and cultivating at the same time and in the same way as the vegetables, gives particularly satisfactory results.

GLADIOLI

Fertilizers.—Moderate application of stable manure, potato fertilizer, or bone meal will give good results. If stable manure is used, it should be applied in the fall before planting, and should be well rotted. It must not be allowed to come in direct contact with the bulbs.

Care.—Keep free from weeds and well cultivated. It is usually not necessary to stake, if the bulbs are planted deep and the stalks ridged up a bit for support. If much exposed to wind, it is well to stake choice varieties, for the growth of the flower stalk is seriously impaired by being blown over.

Cutting.—The best time to cut is when the first blooms are opening. In cutting, be careful not to remove all the foliage, as the leaves are needed for the proper development of the bulbs. By picking off the faded blooms at the base and cutting the ends of the stems, bouquets of gladioli may be kept for a week or longer in enjoyable condition.

Digging.—Dig in the fall, any time after the browning of the foliage shows that growth has been completed. All bulbs should be dug and stored before the ground freezes. If the soil is wet at digging time or if the foliage is still rather green, tie up in bunches and hang to dry in an airy place, before cutting off tops and giving final storage. If ground is fairly dry when digging, the bulbs may be dried off in a few hours, letting them lie on the ground where dug, tops may be cut off, and the bulbs stored.

GLADIOLI

Storage.—Store in a dry cool cellar. A temperature of 40 to 50 degrees is very good. Use shallow trays with wire bottoms, open baskets, or well ventilated boxes.

AMERICAN GLADIOLUS SOCIETY

Join the society and receive each month Official Bulletin devoted to the interest of Gladiolus Culture.

Secretary—John C. Davis, 77 South Avenue, Rochester, N. Y.

Dues—\$2.00 per year.

Forsgate Farms Dahlias

A. D. Livoni. —(Show) Pink.....	\$.10
Allie Mourey. —(Pompon) Pinkish, tipped Garnet .....	.10
Amber Queen. —(Pompon) Amber, shaded Orange .....	.10
Astree. —(Cactus) Rose .....	.50
Bobby. —(Pompon) Plum .....	.25
Break o' Day. —(Hybrid Cactus) Yellow..	.50
Candeur. —(Cactus) white .....	.50
Clematis Century. —(Single) Large, pale Pink. Prolific. Very fine for cutting	.25
Countess of Lonsdale. —(Cactus) Red and Amber .....	.30
Crimson Giant. —(Decorative) Rich crim- son .....	.30
Cuban Giant. —(Show) Maroon.....	.20
D. M. Moore. —(Decorative) Maroon.....	.50
Dainty Queen. —(Peony) Lavender. Fine	.75
Delice. —(Decorative) Rise Pink.....	.35
Diemant Van Bystein. —(Peony) Lilac...	.25
Dr. Peary. —(Peony) Mahogany Red.....	.30
Dreer's White. —(Show) White.....	.25
Eden. —(Collarette) White .....	.30
Emily May. —(Decorative) Yellow and Car- mine .....	.10
Etendard de Lyon. —(Cactus) Aster Purple .....	.50
Fordhook Beauty. —(Peony) Bronze and Red .....	.30
Fordhook Cerise. —(Peony) Cerise; showy	.50
Fordhook White. —(Peony) White; good.	.30
Geisha Century. —(Single) Yellow and Scarlet .....	.10
Gen. J. B. Seth. —(Cactus) Scarlet.....	.35
George Walters. —(Cactus) Salmon and Gold .....	.75
Heatherbelle. —(Collarette) Yellow.....	.15
Hoffnung. —(Cactus) Old Rose.....	.50
Hortulanus Witte. —(Decorative) White. A free bloomer. Good.....	.50

DAHLIAS

Iceberg. —(Cactus) White .....	.30
Jack Rose. —(Decorative) Crimson.....	.10
J. H. Jackson. —(Cactus) Maroon.....	.25
John Tozer. —(Show) Phlox Purple.....	.50
John Wanamaker. —(Hybrid Decorative) Violet Rose .....	.50
Josephine. —(Single) White. Good as a cut flower .....	.50
Jumbo. —(Collarette) Scarlet and Yellow; large .....	.25
King of the Autumn. —(Decorative) Buff and Salmon .....	.75
King Sol. —(Decorative) Bright Yellow..	.50
La Riente. —(Peony) Violet; prolific; good	.25
Little Beauty. —(Pompon) Pink.....	.10
Little May. —(Pompon) Yellow.....	.10
Marguerite Bouchon. —(Cactus) Pink; choice .....	.75
Marjorie Castleton. —(Cactus) Pink.....	.25
Mina Burgle. —(Decorative) Cardinal Red	.30
Minnie McCullough. —(Decorative) Yellow and Bronze .....	.20
Mrs. C. H. Breck. —(Hybrid Decorative) Yellow and Carmine).....	.50
Mrs. George Gordon. —(Peony) Sulphur Yellow .....	.25
Oban. —(Decorative) Tan .....	.25
Oregon Beauty. —(Decorative) Large. Scar- let shading to Nopal Red.....	.25
Pierrot. —(Cactus) Amber, tipped white..	.50
Pink Flamingo. —(Decorative) Pink.....	.50
Praxiteles. —(Single) Maroon, tipped white .....	.20
Queen Elizabeth. —(Peony) Rose.....	.50
Queen Emma. —(Show) Lavender.....	.20
Queen of Hearts. —(Cactus) White and Yellow .....	.10
Queen Victoria. —(Show) Yellow.....	.10
Red Hussar. —(Decorative) Red.....	.10
Reine Cayeaux. —(Cactus) Red.....	.20
Rosette. —(Collarette) Cerise .....	.35
Sunbeam. —(Pompon) Red .....	.10
Swallow. —(Collarette) White .....	.20
Sylvia. —(Decorative) Pink .....	.15
Twentieth Century. —(Single) Pink.....	.15

DAHLIAS

Vivid. —(Pompon) Scarlet .....	.20
Wee Gracie. —(Pompon) White.....	.20
Wilda. —(Collarette) Purple .....	.35
Wodan. —(Cactus) Rose and Gold.....	.50
Yellow Gem. —(Cactus) Yellow.....	.20
Mixed. —We do not sell mixed Dahlia Bulbs.	

Mixtures will be made to your order as to colors and prices, if you so desire.

SPECIAL BARGAINS IN DAHLIAS

25 of any of the following at the **wholesale rates:**

A. D. Livoni.....	\$5.00	per hundred
Eden	15.00	“ “
Emily May	5.00	“ “
Geisha Century	5.00	“ “
Little Beauty	5.00	“ “
Queen of Hearts.....	5.00	“ “
Red Hussar	5.00	“ “
Yellow Gem	10.00	“ “

5 Bulb—5 Color Collection of Choice Cactus Dahlias, \$2.00.

5 Bulb—5 Color Collection of Decorative Dahlias—\$1.00.

Similar collections in Peony, Pompon, Single and Show Types to order at \$0.50 to \$5.00.

CULTURAL DIRECTIONS FOR DAHLIAS

Planting Time.—Any time from May first to July first.

Exposure.—The open garden is suitable for dahlias. Avoid the south side of a building, with very hot sun and little air circulation.

Depth of Planting.—Plant about six inches deep, being careful to lay the bulb on its side—never stand it up on end.

DAHLIAS

Distance Apart.—This is a matter of choice, according to the way you mean to grow the dahlias. If training to one stalk and tying to a stake, two feet apart will do. If you allow the stalks to develop as they grow naturally, without pruning, at least three feet between plants is needed.

Soil.—Dahlias like best a light soil and whether the soil is light or heavy, it must be well **drained**. Too much emphasis cannot be placed upon drainage. If your garden has a heavy clay loam soil and a clay sub-soil, lighten with sand or coal ashes. One part of sand or ashes to one part of soil will not lighten the soil too much.

Fertilizers.—Stable manure may be used with good results, if it is applied broadcast (the fall before, if possible), and well incorporated with the soil. A potato fertilizer gives good results and pulverized sheep manure is excellent. This may be applied at planting, or may be put on after the plants are up, by making a drill on each side of the bulb, about four inches away from it, and putting the fertilizer in the drill—a good handful of potato fertilizer, or about a pint of sheep manure.

Care.—Keep free from weeds and well cultivated. Tie to stakes if the plants need it, to keep from breaking down. Prune to one or two stalks to a hill. If you can water your Dahlias, it will pay you richly, especially when the bloom is beginning. But if you water at all, water thoroughly. Pull the soil into a basin shape around the plant and pour in three or four pailfuls of water. This, done once a week, will do real good. A little sprinkle each day is worse than useless.

Remove all weak or defective buds and do not allow many flowers to develop on a stalk.

DAHLIAS

Cutting.—Generous cutting is a good way to disbud and get pleasure from the blooms at the same time. When cutting, cut the stem below one or two joints, thus getting foliage and buds for decoration. Plunging the ends of the stems in boiling water for two or three minutes before placing in cold water, will help to keep the flowers fresh.

Digging and Storage.—After the first frost, lift the bulbs, dry off for a few hours in the air, store the clumps with the tops down, so that the watery substance in the stalk may run out. If you have a cement floor to the cellar and furnace heat, the containers for storage must be lined with paper and the bulbs covered, in order to prevent too much circulation of warm, dry air, with its accompanying drying action on the bulbs. A temperature of 35 to 45 degrees is best. A cellar which keeps potatoes in good condition, without sprouting or shriveling, is right for dahlias.

ROSES

Selections of Roses will be made and well-grown bushes procured for you at reasonable prices from nearby rose specialists. We do not grow our own stock.

The publications of the American Rose Society, available only to members, are worth much more than the Membership Fee, \$3.00. Send your dues to the Secretary, Robert Pyle, West Grove, Pa.

PEONIES

September to November planting is especially advised for Peonies.

Prices: \$.85 a division; \$3.00 for large clumps; one dozen at the price of ten.

We have only two varieties of our own propagation for sale this season:

Marie Stuart

Anemone; pink guard petals; yellow center; fragrant; early.

Mme. de Verneville.....

Anemone; guard petals sulphur white; center rosy white; very fragrant; the bloom a few days later than Marie Stuart.

We are glad to suggest other varieties and to purchase for you from reliable peony specialists if you choose.

IRIS

Iris germanica may be successfully planted at any time. We especially recommend August planting, and give a special discount at that time of 33 1/3%.

Prices: \$.15 each; one dozen at the price of 10; \$9.00 per hundred; 50 at the hundred rate.

Remember that prices are 1/3 less in August.

Albert Victor

Standard soft blue; falls lavender.

Aurea

Standards and falls deep golden yellow.

Celeste

Standards and falls pale azure blue.

Gypsy Queen

Standards old gold; falls maroon.

Her Majesty

Standards and falls lavender pink and rose.

Juniata

Standards and falls deep blue.

L'Innocence

Standards and falls ivory white.

Lohengrin

Standards and falls violet mauve.

Maori King

Standards golden yellow; falls crimson.

Mme. Chereau

Standards and falls white, edged with blue penciling. An old favorite.

Pallida Dalmatica

Standards and falls light lavender blue. Tall growing.

Rheine Nixe

Standards white; falls deep violet blue with white edge.

GRAPES

Stock of Selected Varieties For Sale

Blue Bird.—The earliest blue grape.....\$1.00

Portland.—Extra choice early white grape. 1.00

Ontario.—Choice white, later than Portland 1.00

Come and visit our Variety Test Vineyard
August first to October first

NUT TREES

We do not propagate nut trees, but will buy for you from a reliable nurseryman, guaranteeing the best grade of grafted trees.

After six years of nut growing, we have in bearing:

English Walnuts

Black Walnuts

Japanese Walnuts (Heart Nuts)

Filberts

Dormant nut trees can be successfully set up to June first. Late fall is also a good time to plant.

If especially interested in Nut Trees send \$3.00 to the Treasurer, H. J. Hilliard, Sound Beach, Conn., for membership in the Northern Nut Growers' Association, or \$4.50 for membership and subscription to The American Nut Journal.

WASHINGTON ASPARAGUS ROOTS

" 'Mary' is so much better you can see the difference," says J. B. Norton, asparagus expert.

Our one-year-old Mary Washington roots are grown from Re-selected, Pedigreed Seed—positively the best obtainable.

Order now for delivery April, 1926. We ship in April only.

Shipping charges are prepaid.

\$2.50 per 100

15.00 " 1000

13.50 " 1000 for orders 2000 to 5000

12.00 " 1000 " " 5000 to 10000

10.00 " 1000 " " 10000 or more

FORSGATE FARMS GREENHOUSES

Cut Flowers in variety. We specialize in Snapdragons and Sweet Peas.

Plants—the usual—and some unusual ones, such as the Chinese Dwarf Lemon Tree and Night Blooming Cereus, and an unusual Petunia—Petunia Violet, deepening to Nigrosin Violet.

Boxes of Cut Flowers shipped by mail. Use our Special Label and send a personal letter, attached to the package.

A flat charge of twenty-five cents is made for postage and packing.

Funeral Sprays and Baskets a specialty.

Delivery free of charge of orders of \$5.00 within a radius of fifteen miles.

SHIPPING CONDITIONS

All small quantity bulb orders are sent Parcel Post Prepaid. Bulky orders of all kinds are sent Express or Freight Collect unless otherwise requested.

Canned Goods sent Express Collect or to Cornell Cafeteria, 13 Central Avenue, Newark, N. J., to be called for by customer.

Local deliveries are made, within a radius of fifteen miles from the Farms, of cash orders of Five Dollars or over. This does not apply in the case of special bargain prices on plants, shrubs, etc., quoted for purchase at the Farms.

FORSGATE FARMS CANNING KITCHEN

Order your supply of Canned Goods now for next winter's supply. We can both vegetables and fruit, fresh from the gardens and orchards.

Send for Price List.

Have you a favorite family recipe for preserves, pickles or fruit? Send it to us in good time and we will follow it in canning to your order.

CORNELL CAFETERIA

19 Clinton Street and 13 Central Avenue
Newark, N. J.

Wholesome fresh home-cooked food is served at breakfast, lunch and dinner in our Cornell Cafeterias daily except Sundays.

Cake, pastry, rolls and Forsgate Farms Canned Goods for home use are for sale at both Cafeterias.

Forsgate Farms Milk and Eggs are served.

